This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

What is claimed is:

- 1. (Currently Amended) An implantable medical graft, comprising:
 - a. a generally tubular body member comprising a film selected from the group consisting of metallic and pseudometallic materials and having a <u>luminal wall first</u> surface, an <u>abluminal wall second</u> surface and a thickness intermediate the <u>luminal wall first</u> surface and the <u>abluminal wall second</u> surface; and
 - at least a portion of the body member having a plurality of <u>continuous</u> circumferential undulations, with peaks and <u>valleys</u>, formed in <u>each of the luminal wall and abluminal</u> wall surfaces walls of the body member.
- 2. (Currently Amended) The implantable medical graft according to Claim 1, further comprising a plurality of microperforations passing through the thickness of the body member and communicating between the <u>luminal first</u> surface and the <u>abluminal second</u> surface.
- 3. (Original) The implantable medical graft according to Claim 1, wherein the film is made of a metallic material selected from the group consisting of titanium, vanadium, aluminum, nickel, tantalum, zirconium, chromium, silver, gold, silicon, magnesium, niobium, scandium, platinum, cobalt, palladium, manganese, molybdenum and alloys thereof.

6006 -6-

- 4. (Original) The implantable medical graft according to Claim 2, further comprising at least one of a plurality of non-undulated circumferential regions of the body member.
- 5. (Original) The implantable medical graft according to Claim 4, further comprising at least one of a plurality of suturing openings passing through the wall thickness of the at least one of a plurality of non-undulated regions of the body member.
- 6. (Original) The implantable medical graft according to Claim 4, wherein the wall thickness of the undulating regions is less than the wall thickness of the non-undulating regions.
- 7. (Original) The implantable medical graft according to Claim 6, wherein the thickness of the undulating regions is between about 3-7 μm and the wall thickness of the non-undulating regions is between about 10-20 μm .
- 8. (Original) The implantable medical graft according to Claim 7, wherein the at least a portion of a non-undulating region further comprises at least one of a plurality of suturing openings passing through the wall thickness.
- 9. (Original) The implantable medical graft according to Claim 8, wherein the at least one of a plurality of suturing openings further comprises a generally cruciform-shaped slot pattern.

6006 -7-

- 10. (Original) The implantable medical graft according to Claim 8, wherein the at least one of a plurality of suturing openings further comprises a generally Y-shaped slot pattern.
- 11. (Original) The implantable medical graft according to Claim 4, further comprising at least one of a plurality of radially projecting barb members.
- 12. (Original) The implantable medical graft according to Claim 4, further comprising at least one of a plurality of suture members integrally extending along a longitudinal axis of the body member.
- 13. (Currently Amended) A method of making an implantable medical graft comprising the steps of:
 - a. Providing a generally cylindrical substrate having a plurality
 of circumferentially extending <u>continuous</u> undulations <u>with</u>
 <u>peaks and valleys</u>, patterned along at least a portion of a
 longitudinal axis of the generally cylindrical substrate;
 - b. Vacuum depositing a graft-forming material onto the generally cylindrical substrate; and
 - c. Releasing the deposited graft-forming material from the substrate.
- 14. (Original) The method according to Claim 13, wherein the graft-forming material is selected from the group consisting of biocompatible metals and pseudometals.

6006 -8-

15. (Original) The method according to Claim 13, further comprising the step of forming a plurality of microperforations passing through the thickness of the deposited graft-forming material.

16. (Original) The method according to Claim 13, further comprising the step of forming at least one of a plurality of suturing openings through the wall thickness of at least one non-undulating region of the deposited graft-forming material.

6006 -9-